

कार्यालय प्राचार्य, महात्मा गांधी शासकीय कला एवं विज्ञान स्नातकोत्तर  
महाविद्यालय खरसिया, जिला- रायगढ़ (छ.ग.)

आदेश

क्र. 490 /स्था./2019

खरसिया, दिनांक 26/11/19

सत्र 2019-20 में महाविद्यालय के सफल संचालन के लिए पूर्व वर्षों में गठित समितियों में आंशिक संशोधन करते हुए कार्यालयीन समसंख्यक आदेश में परिवर्धित कर तत्काल प्रभाव से निम्नानुसार समितियाँ गठित की जाती हैं-

क्र.	समिति	संयोजक	सदस्य
1.	शिकायत निवारण समिति (छात्राओं के लिए)	डॉ० सुशीला गोयल	प्र० सरला जोगी (एनसीसी अधिकारी) प्र० रीता सिंह (महिला प्रा०) कु० श्रीया अग्रवाल (अध्यक्ष छात्र संघ) कु० शोभा राजपूत (कक्षा प्रतिनिधि-हिन्दी) कु० चादनी मनहर (एनसीसी से) कु० भाग्यवती (बी एससी से)
2.	शिकायत निवारण समिति (छात्रों के लिए)	डॉ० पी एल पटेल	प्र० एम एल धीरही प्र० एस के ईजारदार प्र० जे आर कुर्रे निखिल अग्रवाल (सचिव छात्र संघ) शैलेन्द्र सिंह (एनसीसी) रामकुमार (एनसीसी)
3.	ग्रीन ऑडिट समिति	प्र० एम एल धीरही	प्र० डी के भोई, प्र० ए के पटेल (प्रा०), श्री सी एल उनसेना वन परिक्षेत्र अधिकारी खरसिया, ओमप्रकाश जायसवाल, ज्ञानेन्द्र साहू, शिव सिदार, धनुंजय जायसवाल, दीपिका नायक, डिगेश्वरी राठिया (एनएसएस)
4.	एनर्जी ऑडिट समिति	प्र० के एक्का	प्र० पी के चेतानी, श्री जी डी महंत, लोकेश टण्डन, कमलेश धीरहे, रत्ना माहेश्वरी, लता बंजारा, निर्मला राठिया, माधुरी राठिया, रेणुका महंत, नेहा कुम्हार (Old Building)

प्र० जे केरकेट्टा, श्री प्रेमसाय कश्यप,  
चेतना राठौर, अंजलि उनसेना, जागृति  
(New Building)

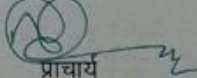
5. अकादमिक अकॅक्षण समिति	डॉ० एस गोयल	श्री आनंद श्रीवास्तव उप अभियंता विद्युत विभाग शहरी खरसिया (for both Building)
6. प्रशासनिक अकॅक्षण समिति	डॉ० पी एल पटेल	प्रो० एम के साहू, प्रो० जे आर कुर्रे, श्री डी के यादव, प्रो० अर्चना आसटकर (प्रभारी प्राचार्य शहीद वीरनारायण सिंह शा० महाविद्यालय जोबी-बर्वा)
7. पर्यावरण अकॅक्षण समिति	प्रो० ए के पटेल	प्रो० सरला जोगी, प्रो० जे केरकेट्टा, श्री आर के साहू, डॉ० डी आर लहरे प्राचार्य लोचन प्रसाद पाण्डेय शासकीय महाविद्यालय सारंगढ़
8. लेखा अकॅक्षण समिति	प्रो० पी के चेतानी	प्रो० डी के संजय, प्रो० डी के भोई, श्री संजय गुप्ता, श्री सी एल डनसेना वन परिक्षेत्र अधिकारी खरसिया
		प्रो० रीता सिंह, श्री डी के यादव, श्री यू टोण्डे, प्रो० रविन्द्र कुमार थवाईत (सहा० प्रा०- वाणिज्य, शहीद वीरनारायण सिंह शा० महाविद्यालय जोबी-बर्वा)

पृ.क्र. 490A/स्था./2019

प्रतिलिपि,

1. समन्वयक NAAC-डॉ० आर के टण्डन / IQAC प्रो० एम के साहू एम जी कालेज खरसिया।
2. संबंधित डॉ०/प्रो०/श्री/श्रीमती.....
3. कार्यालयीन प्रति।

प्राचार्य,  
एमजी शासकीय महाविद्यालय  
खरसिया, जिला- रायगढ़ (छ.ग.)  
खरसिया, दिनांक 26/11/19

  
प्राचार्य

एमजी शासकीय महाविद्यालय  
खरसिया, जिला- रायगढ़ (छ.ग.)

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## ENERGY AUDIT REPORT



महात्मा गांधी शासकीय स्नातकोत्तर महाविद्यालय खरसिया,  
जिला-रायगढ़ (छ.ग.)

[Mahatma Gandhi Govt. P. G. College Kharsia, Dist.-Raigarh (C.G)]



**ENERGY AUDIT : 2018-2019**

**Introduction:**

An energy audit is an inspection, survey and analysis of energy consumed in a system in order to identify opportunities for reducing energy expense and carbon footprints.

**Energy Audit Objectives:**

- To study the present pattern of energy consumption
- To identify energy saving measures for energy optimization
- To implement the acceptable and feasible measures for energy conservation.

**Methodology:**

**Historical Data:**

This step involves collection and study of electricity bills of college in order to establish base line data on energy consumption and its variation with change in production volume. Energy audit team collected energy bills of college for session 2019-2020 and analysed them.

**Actual measurement and data analysis:**

This step involves actual site measurement. Energy audit team visited to all units of college campus and collected the data for analysis like number of electrical appliances, their wattage and operating time.

**Identification of energy conservation opportunities:**

This step involves the identification of acceptable and feasible opportunities for minimizing energy consumption and their evaluation for implementation. After the complete data analysis, energy audit team finds out the opportunities towards energy conservation and made some recommendations.

**Remarks:**

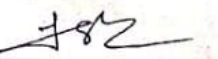
- 1) No use of incandescent bulb and CFL bulb.
- 2) Turn off Electrical Equipments When Not In Use.
- 3) Use Energy Efficiency Light Emitting Diode(LED) Bulbs Instead Of Incandescent And CFL Bulbs.
- 4) Maintain Applications And Replace Old Applications.
- 5) Use Computers And Electronic Equipments In Power Saving Mode.

*Thus, very good initiatives are taken by college for energy conservations.*

**Energy conservation opportunities:**

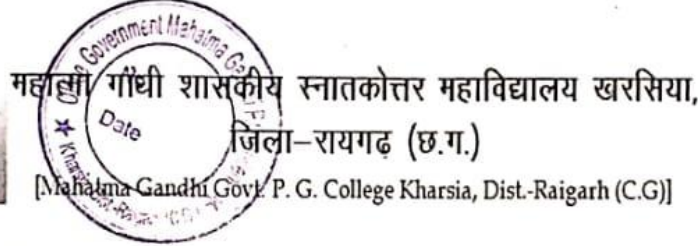
a) It has been observed that majority of electrical power consumption is through ceiling fans having wattage ..... Watt. Therefore it is recommended to replace these ceiling fans with 40 Watt Energy Efficient Fans.

b) PV solar system is suggested to install in a campus to minimize electricity bill. 15 KW solar panel may generate about 60 units per day which saves Rs 1,25,000 per year.

  
Audit Incharge

  
**Principal**  
Govt. Arts & Commerce College  
KHARSIA (Dist. - Raigarh) C.G





## ENERGY AUDIT : 2019-2020

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### Remarks:

- 1) 100% use of LED for lightening system.
- 2) Turn off Electrical Equipments When Not In Use.
- 3) Use Energy Efficiency Light Emitting Diode(LED) Bulbs Instead Of Incandescent And DFL Balbs.
- 4) Maintains Applications And Replace Old Applications.
- 5) Use Copmuters And Electronic Equipments In Power Saving Mode.

*Thus, very good initiatives are taken by college for energy conservations.*

### Energy conservation opportunities:

a) It has been observed that majority of electrical power consumption is through Ceiling fans having wattage ..... Watt. Therefore it is recommended to replace these ceiling Fans with 40 Watt Energy Efficient Fans.

b) PV solar system is suggested to install in a campus to minimize electricity bill. 15 KV solar panel may generate about 60 units per day which saves Rs 1,25000 per year.

*[Signature]*  
Audit Incharge

*[Signature]*  
Principal  
Govt. Arts & Commerce College  
KHARSIA (Dist. - Raigarh) C.G.



Govt Degree College Raigarh Road PH-272048 Kharsia (C.G.)

Study of Month & Session Juli 2019 To June 2020 Consumtion

BP.No- 10014494761/355316AR-02-3882

SR.NO.	Month	Meter Reading	Units	Bill Amount	Net Bill Amt.
1	Jul-19	11807	432	8997	156070
2	Aug-19	13537	1730		
3	Sep-19	15197	1660		
4	Oct-19	15849	652	14706	199190
5	Nov-19	16185	336	7327	209340
6	Dec-19	16370	185		
7	Jan-20	16755	385		
8	Feb-20	17267	512		
9	Mar-20	17658	391	6425	242180
10	Apr-20	17796	133		
11	May-20	17923	127		
12	Jun-20	18139	216		

*[Signature]*  
Audit Incharge

(Dr. P.C. Ghrilahre)

principal

Principal  
Govt. Arts & Commerce  
KARSI Dist. - Raigarh, C.G.





महात्मा गांधी शासकीय स्नातकोत्तर महाविद्यालय खरसिया,  
जिला-रायगढ़ (छ.ग.)

Mahatma Gandhi Govt. P. G. College Kharsia, Dist.-Raigarh (C.G.)



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This step involves actual site measurement. Energy audit team visited to all units of college campus and collected the data for analysis like number of electrical appliances, their wattage and operating time.

**Identification of energy conservation opportunities:**

This step involves the identification of acceptable and feasible opportunities for minimizing energy consumption and their evaluation for implementation. After the complete data analysis, energy audit team finds out the opportunities towards energy conservation and made some recommendations.

**Remarks:**

- 1) Good initiative towards use of renewable energy source through solar street lamp.
- 2) Turn off Electrical Equipments When Not In Use.
- 3) Use Energy Efficiency Light Emitting Diode(LED) Bulbs Instead Of Incandescent And DFL Balbs.
- 4) Maintains Applications And Replace Old Applications.
- 5) Use Copmuters And Electronic Equipments In Power Saving Mode.

*Thus, very good initiatives are taken by college for energy conservations.*

**Energy conservation opportunities:**

a) It has been observed that majority of electrical power consumption is through Celling fans having wattage ..... Watt. Therefore it is recommended to replace these celling Fans with 40 Watt Energy Efficient Fans.

b) PV solar system is suggested to install in a campus to minimize electricity bill. 15 KV solar panel may generate about 60 units per day which saves Rs 1,25000 per year.

*[Signature]*  
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KHARSIA (Dist. - Raigarh) C.G.



Govt Degree College Raigarh Road PH-272048 Kharsia (C.G.)

Study of Month & Session Juli 2020 To June 2021 Consumtion

BP.No- 10014494761/355316AR-02-3882

SR-NO.	Month	Meter Reading	Units	Bill Amount	Net Bill Amt.
1	Jul-20	18326	187		
2	Aug-20	18557	231	3951	270870
3	Sep-20	18788	231		
4	Oct-20	18788	774		
5	Nov-20	18788	774		
6	Dec-20	18788	774		
7	Jan-21	18788	774	8568	323710
8	Feb-21	18788	774		
9	Mar-21	18788	774	8623	349260
10	Apr-21	18788	774	8623	235380
11	May-21	18788	774		
12	Jun-21	18788	774	8545	261300

*[Signature]*  
Audit Incharge

*[Signature]*  
(Dr.P.C.Ghritlahre)  
principal

**Principal**  
Govt. Arts & Commerce College  
KHARSIA (Dist. - Raigarh) C.G.